







PTO/SB/05 (1/98)

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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Please type a plus sign (+) inside this box →

Attorney Docket No. 0756-1896

First Inventor or Application Identifier: Hisashi OHTANI et al.

Title: SEMICONDUCTOR DEVICE AND PROCESS FOR PRODUCING

| (Only for new nonprovisional applications under 37 CFR 1 53(b))  | THE SAME  |   |  |  |  |  |  |  |
|--|---|---|--|--|--|--|--|--|
| (ally to her halperstend applications dide: or only content  | Express   | s Mail Label No.  |  |  |  |  |  |  |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application  | n contents.   | ADDRESS TO:  Assistant Commissioner for Patents Box Patent Application Washington, DC 20231   |  |  |  |  |  |  |
| (preferred arrangement set forth below)  - Descriptive title of the Invention  - Cross References to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to Microfiche Appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Description of the Drawings (if filed)  - Detailed Description  - Claim(s)  - Abstract of the Disclosure  3. [X] Drawing(s) (35 USC 113)  - Total S | heets [12] Pages [5]  di)) pleted)  ecked) hich a k 4b. | 6 [] Microfiche Computer Program (Appendix)  7 Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. [] Computer Readable Copy b. [] Paper Copy (identical to computer copy) c. [] Statement verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  8. [X] Assignment Papers (cover sheet & document(s)) 9. [] 37 CFR 3 73(b) Statement [] Power of Attorney (when there is an assignee) 10. [] English Translation Document (if applicable) 11. [] Information Disclosure Statement [] Copies of IDS (IDS)/PTO-1449 Citations 12. [] Preliminary Amendment 13. [X] Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 14. [] *Small Entity [] Statement filed in prior application, Statement(s) Status still proper and desired (PTO/SB/09-12) 15. [X] Certified Copies of Japanese Priority Application Nos. 9-344350 and 10-018050 (if foreign priority is claimed) 16. [] Other  *A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon |  |  |  |  |  |  |
| 17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment  [ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No  |   |   |  |  |  |  |  |  |
| Prior application information: Examiner: Group/Art Unit:   |   |   |  |  |  |  |  |  |
| 18. CORRESPONDENCE ADDRESS   |   |   |  |  |  |  |  |  |
| [ ] Customer Number or Bar Code Label or [ X ] Correspondence address below  (Insert Customer No or Attach bar code label here)  |   |   |  |  |  |  |  |  |
| Name Gerald J. Ferguson, Jr  Firm SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C  Address 8180 Greensboro Drive Suite 800  City McLean State VA  Country U.S.A. Telephone (703) 790-9110   |   | Zip Code 22102<br>FAX (703) 883-0370  |  |  |  |  |  |  |
| Name: Gerald J. Ferguson, Jr. Registration No. 23,016  |   |   |  |  |  |  |  |  |
| Signature 23, 1998   |   |   |  |  |  |  |  |  |





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| FEE TRANSMITTAL   |                     | Complete If Known    |  |  |                  |   |  |           |         |  |  |
|---|---------------------|----------------------|--|--|------------------|---|--|-----------|---------|--|--|
|   |                     | Application Number   |  |  | ,                |   |  |           |         |  |  |
| Patent fees are subject to annual revision on October 1 These are the fees effective October 1, 1997 Small Entity payments must be supported by a small entity statement, utarmise large entity fees must be paid. See Forms PTC/SB/09-12                     |                     | Filing Date          |  | November 23, 1998                            |                  |   |  |           |         |  |  |
|   |                     | First Named Inventor |  | Hisashi OHTANI et al                         |                  |   |  |           |         |  |  |
|   |                     | Examiner Name        |  |  |                  |   |  |           |         |  |  |
|   |                     | Group Art Unit       |  |  |                  |   |  |           |         |  |  |
| TOTAL AMOUNT OF PAYMENT   | \$2,488.00          | Attorney Docket      | 0756-1896  |  |                  |   |  |           |         |  |  |
| METHOD OF PAYMENT (check one)   |                     |                      | FEE CALCULATION (continued) 3. ADDITIONAL FEES Large Entity Small Entity |  |                  |   |  |           |         |  |  |
| [X] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to.     Deposit Account No. 19-2380     Deposit Account Name: SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, PC.  |                     | Fee<br>Code          | Fee<br>(\$)  | Fee<br>Code                                  | Fee<br>(\$)      | Fee Description   | 1  | Fee Paid  |         |  |  |
|   |                     | 105<br>127           | 130<br>50  | 205<br>227                                   | 65<br>25         | Surcharge-late filing fee<br>Surcharge-late provision<br>fee or cover sheet | rovisional filing  |           |         |  |  |
| [X] Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17   |                     |                      | 139<br>147   | 130<br>2,520                                 | 139<br>147       | 130<br>2,520  | Non-English specification For filing a request                               |           |         |  |  |
| [ ] Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance   |                     |                      | 112  | 920*   | 112              | 920*  | for reexamination Requesting publication of SIR prior to Examiner action     |           |         |  |  |
| 2 [X] Payment Enclosed: [X] Check [ ] Money Order [ ] Other   |                     |                      | 113  | 1,840*                                       | 113              | 1,840*  | Requesting publication after Examiner action                                 |           |         |  |  |
|   |                     |                      | 115<br>116   | 110<br>400                                   | 215<br>216       | 55<br>200   | Ext for reply within first<br>Ext for reply within second                    |           |         |  |  |
|   |                     |                      | 117  | 950  | 217              | 475   | Ext for reply within third   |           |         |  |  |
|   | CALCULATION         |                      | 118  | 1,510  | 218              | 755   | Ext for reply within four  |           |         |  |  |
| FEE CALCULATION   1 BASIC FILING FEE   Large Entity   Small Entity   Fee   Fee   Fee   Fee Description   Fee Paid   Code (\$)   Code (\$)   101   760   201   380   Utility filing fee   [ ]  |                     |                      | 128  | 2,060  | 228              | 1,030   | Ext for reply within fifth   |           |         |  |  |
|   |                     |                      | 119  | 310  | 219              | 155   | Notice of Appeal   |           |         |  |  |
|   |                     |                      | 120  | 310  | 220              | 155   | Filing brief in support of   |           |         |  |  |
|   |                     |                      | 121<br>138   | 270<br>1,510                                 | 221<br>138       | 135<br>1,510  | Request for Oral Hearin<br>Petition to institute publi                       |           |         |  |  |
| 106     330     206     165     Design filing fee     [ ]       107     546     207     270     Plant filing fee     [ ]       108     790     208     395     Reissue filing fee     [ ]       114     150     214     75     Provisional filing fee     [ ] |                     |                      |  | 110  | 240              | 55  | proceeding Petition to revive-unavo  | ntional   |         |  |  |
|   |                     |                      |  | 1,320  | 241              | 660   | Petition to revive-uninte  |           |         |  |  |
|   |                     |                      |  | 1,320  | 242              | 660   | Utility issue fee (or reis:  |           |         |  |  |
| 114 150 214 75  | 143                 | 450                  | 243  | 225  | Design issue fee | sign issue fee  |  |           |         |  |  |
| SUBTOTAL (1) \$760 00   |                     |                      |  | 670  | 244              | 335   | Plant issue fee  |           |         |  |  |
|   |                     |                      | 122<br>123   | 130<br>50                                    | 122<br>123       | 130<br>50   | Petitions to the Commis Petitions related to prov applications               |           |         |  |  |
| 2. EXTRA CLAIM FEES  Total Claims    10   |                     |                      | 126  |  |                  | Submission of IDS   |  | 1         |         |  |  |
|   |                     |                      | 581  | 40   | 581              | 40  | Recording each patent<br>assignment per property                             | (times    | \$40 00 |  |  |
|   |                     |                      | 146  | 790  | 246              | 395   | number of properties) Filing a submission afte                               |           |         |  |  |
|   |                     |                      | 149  | 790  | 249              | 395   | rejection (37 CFR 1 129<br>For each additional inve<br>be examined (37 CFR 1 | intion to |         |  |  |
|   |                     |                      |  |  |                  |   | Other  |           |         |  |  |
|   |                     |                      |  |  |                  |   | Other  |           |         |  |  |
|   |                     |                      |  |  |                  |   | *Dad 5 5 5   | Fee Pard  |         |  |  |
|   |                     |                      |  | 1  |                  |   | *Reduced by Basic Filing Fe  | e Paid    |         |  |  |
| SUBTOTAL (2) \$1,688 00   |                     |                      |  |  |                  |   | SUBTOTAL (3) \$40.00   |           |         |  |  |
| SUBMITTED BY  |                     |                      |  |  |                  |   | Complete (if applicable)   |           |         |  |  |
| Typed or Printed Gera<br>Name   | ld J. Ferguson, Jr. |                      |  |  |                  |   | Reg. Number  | 23,016    | S<br>   |  |  |
| Signature   | 475                 | 1                    | Date   | November Deposit Account<br>23, 1998 User ID |                  | 19-2380   |  |           |         |  |  |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231